

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): A second plate-like member

arranged between a first plate-like member in which a probe for test is formed on one main surface and a third plate-like member in which an electrode for connecting an electric signal from said probe to an outer portion is formed,

wherein a plurality of first electrodes are formed at a position opposing to a first secondary electrode of said second plate-like member; and

wherein a plurality of second secondary electrodes electrically connected to said first electrodes are formed on an opposing surface to the surface on which said first electrodes of said second plate-like member are formed;

wherein the second plate-like member and the third plate-like member are electrically conducted via an elastic conductive member; and

wherein a support member supporting a main surface of the second plate-like member close to the first plate-like member is provided.

Claim 2 (Original): A second plate-like member as claimed in claim 1, wherein a thickness of an outer edge portion of said second plate-like member is smaller than a thickness of a center portion of said second plate-like member.

Claim 3 (Original): A second plate-like member as claimed in claim 1, wherein an arranged pitch of said second secondary electrodes is wider than an arranged pitch of said first electrodes.

Claim 4 (Original): A second plate-like member as claimed in claim 1, wherein a number of said second secondary electrodes is smaller than a number of said first electrodes.

Claim 5 (New): A second plate-like member as claimed in claim 1, wherein a length of said elastic conductive member is changed in correspondence to a change of an interval between the first plate-like member and the second plate-like member.

Claim 6 (New): A plate-like member arranged between a main substrate and a support substrate, wherein:

the main substrate has a plurality of probes formed on a main surface to test electrical characteristics of a subject under test, and secondary electrodes formed on an opposing surface and electrically connected to corresponding probes;

the plate-like member has primary electrodes formed on a bottom surface to align and correspond with the secondary electrodes of the main substrate, and secondary electrodes formed on a top surface to be electrically connected to the corresponding primary electrodes;

the support substrate has wire receptacles aligned with corresponding secondary electrodes formed on the plate-like member;

electrical connection members are disposed between the plate-like member and the support substrate, and inserted via the wire receptacles in the support substrate to establish electrical connection with the corresponding secondary electrodes formed on the plate-like member; and

a spacer is disposed between the plate-like member and the main substrate to surround an area where the secondary electrodes of the main substrate are formed and to be connected with the primary electrodes of the plate-like member.

Claim 7 (New): A plate-like member as claimed in claim 6, wherein solders are arranged to establish electrical and mechanical connection between individual primary electrodes formed on the plate-like member and corresponding individual secondary electrodes formed on the main substrate.

Claim 8 (New): A plate-like member as claimed in claim 6, wherein the individual primary electrodes formed on the surface of the plate-like member and the individual secondary electrodes formed on the opposing surface of the plate-like member are connected, via corresponding internal wires.

Claim 9 (New): A plate-like member as claimed in claim 6, wherein the spacer is an anisotropic conductive rubber.

Claim 10 (New): A plate-like member as claimed in claim 6, wherein a thickness of an outer portion of the plate-like member is smaller than a thickness of an inner portion of the plate-like member.

Claim 11 (New): A plate-like member as claimed in claim 6, wherein an arranged pitch of the secondary electrodes formed on the bottom surface of the plate-like member is wider than an arranged pitch of the primary electrodes formed on the top surface of the plate-like member.